

Michael Kronovet

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Education

Carnegie Mellon University May 2020

GPA: 3.73/4.00

Bachelors of Science in Statistics and Machine Learning

Relevant Courses

10-701 Introduction to Machine Learning (PhD)

36-462 Special Topics: Data Mining

36-402 Advanced Data Analysis

Work Experience

Quantitative Trading Intern at Virtu Financial June 2019

Leading high frequency trading and market making firm.

- Incoming summer intern to design high-performance algorithmic trading strategies.

Projects & Activities

Joint Funding Committee Member 2018-present

Joint graduate and undergraduate body that allocates budgets for university organizations.

- Allocated approximately \$1.9 million in funding across all CMU organizations.

Modeling the Quantum Many-Body Problem 2019

Neural Network to simulate the interactions between electron spins for many quantum states.

- Developed RBM in python to output minimized energy states for various Hamiltonian operators.

Carnegie Mellon Racing System Lead 2017-2019

Team of students who build a fully functional electric formula one race car from scratch every year.

- Placed first in the 2018 Formula SAE Electric Vehicle Competition.

Website Prototyping System 2018

App that transforms images of hand-drawn website layouts to rendered HTML/CSS in real time.

- Focused on OpenCV extraction of drawing features and conversion to HTML/CSS.

Intellichess 2017

Chess engine and multiplayer game in python.

- Developed AI with minimax search and neural network; implemented multiplayer with sockets.

Muon Scattering Tomography Developer 2016-2017

Team with two other students inventing a cheaper way to pinpoint the trajectory of cosmic ray muons.

- Placed 3rd in Physics and Astronomy at Intel International Science and Engineering Fair.

Skills & Hobbies

Technical Skills: Python, C, R, Javascript, HTML/CSS, CAD, Unity, Microsoft Excel

Hobbies: Tennis, Drums, Moneythink Group